

WAX

CRF Errors Corrected by the STIC System Branch

7-19 16C1 1652  
CRF Processing Date: 6/19/99

Edited by:

Verified by:

(STIC staff)

Serial Number: 08/973815

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

ENTERED

☒ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☒ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

TITLE APPLICATION

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as

☐ Inserted mandatory headings, specifically:

☐ Corrected an obvious error in the response, specifically:

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

☒ Other:

replaced TYPE OF MOLECULE w/ MOLECULE TYPE (globally)

inserted (A) identifier before CURR APP DATA

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/973,815

DATE: 06/19/1999  
TIME: 15:18:34

INPUT SET: S32263.raw

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

## SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT:  
6 (A) NAME: Deutsches Krebsforschungszentrum Stiftung des  
7 ffentlichen Rechts  
8 (B) STREET: Im Neuenheimer Feld 280  
9 (C) CITY: Heidelberg  
10 (E) COUNTRY: Germany  
11 (F) POSTAL CODE: 69120  
12  
13 (ii) <sup>LF</sup>TITLE OF INVENTION: DNase active Protein  
14  
15 (iii) NUMBER OF SEQUENCES: 3  
16  
17 (iv) COMPUTER-READABLE FORM:  
18 (A) MEDIUM TYPE: Floppy disk  
19 (B) COMPUTER: IBM PC compatible  
20 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
21 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPA)  
22  
23 (vi) ~~current application data:~~  
24 ~~(A) APPLICATION NUMBER:~~ PCT/DE96/01016  
25  
26 (vii) ~~prior application data:~~ *number*  
27 (A) APPLICATION ~~DATE:~~ DE 195 21 046.8  
28 (B) APPLICATION ~~DATE:~~ 09-JUN-1995  
29 *FILING*  
30

## ERRORED SEQUENCES FOLLOW:

31 (2) INFORMATION FOR SEQ ID NO: 1:  
32  
33 (i) SEQUENCE CHARACTERISTICS:  
34 (A) LENGTH: 2661 Base pairs  
35 (B) TYPE: Nucleotide  
36 (C) STRANDEDNESS: double  
37 (D) TOPOLOGY: linear  
38  
39 (ii) TYPE OF MOLEKULE: cDNA  
*MOLEKULE TYPE:*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/973,815DATE: 06/19/1999  
TIME: 15:18:35

INPUT SET: S32263.raw

40  
41  
42 (ix) FEATURE:  
43 (A) NAME/KEY: CDS  
44 (B) LOCATION: 795..1700  
45  
46  
47 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
48  
49 CTTGAACGCC TGACCTCGTA TCCACCCGCC TCAGCCTCCC AAAGTGCTGG GATTACAGGC 60  
50  
51 ATGAGCCACC ACGCCAGGCC CATAATTTAT TGATTTTTTA AAATTGTCC AGCCTTCTAT 120  
52  
53 TACCACGTCG AATCCATTAG CTACAGCCAT CCCATGAGAA GCTGAGTGGA TTCAGCCCCA 180  
54  
55 CCTCCTGCTC ACAGACCCCTG TCCGAGCACC TCATTTGTCC CAACAGCATT ACTGCAGGAC 240  
56  
57 CCCAGGACG TTGGACTGCC AGCTCCCTGG GTCTCCTCCT CTCTGGGGCA GATCCTCAGT 300  
58  
59 CCTCCCTTGA CTTACGACT GTGGCCAGAT CATGTGTGGA CTGTCCCTCT CTTTGGGTCT 360  
60  
61 CCAGAGCGCT TGCATCAAAC ACCCCTAACT CAGAAGTGTG CAGCCACACT GGGACTCAGA 420  
62  
63 ACCCAACAAC AGGGACAGAA GACTCACGCC CTTGGGGTGC CCGGTCTCGT GGCATCAGGC 480  
64  
65 ATGACTTCCA GCTCCTGCGC CTTCCCCAGC AACTGCTGAC TGGGGACCCA GACCGGGAGC 540  
66  
67 TGAGCGACGG GCCTGGCGAG CGAAGCTCGG GGTCTCACTC AGGCACCAGC CCCTCCTTGC 600  
68  
69 CCCAGGCTTG AGTGACTCAC AGCCCTATTC AGGCAGGAGC TGCTCTTCTG GGGTATCGCG 660  
70  
71 ATCCACTTAA GGATGAGGCA GACTTGGTGA CAAGCTGGTC TGAGCAGCGC TTCCAGAGCC 720  
72  
73 AGAACTGAGC CCAGTGAGAG CGCACCCTGG AGCAGCCTGG ATTCCTGGGG TGTCCCCGGC 780  
74  
75 AGCCACACAC AGCC ATG CAC TAC CCA ACT GCA CTC CTC TTC CTC ATC CTG 830  
76 Met His Tyr Pro Thr Ala Leu Leu Phe Leu Ile Leu  
77 1 5 10  
78  
79 GCC AAT GGG GCC CAG GCC TTT CGC ATC TGC GCC TTC AAT GCC CAG CGG 878  
80 Ala Asn Gly Ala Gln Ala Phe Arg Ile Cys Ala Phe Asn Ala Gln Arg  
81 15 20 25  
82  
83 CTG ACA CTG GCC AAG GTG GCC AGG GAG CAG GTG ATG GAC ACC TTA GTT 926  
84 Leu Thr Leu Ala Lys Val Ala Arg Glu Gln Val Met Asp Thr Leu Val  
85 30 35 40  
86  
87 CGG ATA CTG GCT CGC TGT GAC ATC ATG GTG CTG CAG GAG GTG GTA GAC 974  
88 Arg Ile Leu Ala Arg Cys Asp Ile Met Val Leu Gln Glu Val Val Asp  
89 45 50 55 60  
90  
91 TCT TCC GGC AGC GCC ATC CCC CTC CTG CTT CGA GAA CTC AAT CGA TTT 1022  
92 Ser Ser Gly Ser Ala Ile Pro Leu Leu Leu Arg Glu Leu Asn Arg Phe

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/973,815

DATE: 06/19/1999  
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INPUT SET: S32263.raw

	65	70	75	
93				
94				
95	GAT GGC TCT GGG CCC TAC AGC ACC CTG AGC AGC CCC CAG CTG GGG CGC			1070
96	Asp Gly Ser Gly Pro Tyr Ser Thr Leu Ser Ser Pro Gln Leu Gly Arg			
97	80	85	90	
98				
99	AGC ACC TAC ATG GAG ACG TAT GTG TAC TTC TAT CGG TCA CAC AAA ACA			1118
100	Ser Thr Tyr Met Glu Thr Tyr Val Tyr Phe Tyr Arg Ser His Lys Thr			
101	95	100	105	
102				
103	CAG GTC CTG AGT TCC TAC GTG TAC AAC GAT GAG GAT GAC GTC TTT GCC			1166
104	Gln Val Leu Ser Ser Tyr Val Tyr Asn Asp Glu Asp Val Phe Ala			
105	110	115	120	
106				
107	CGG GAG CCA TTT GTG GCC CAG TTC TCT TTG CCC AGC AAT GTC CTT CCC			1214
108	Arg Glu Pro Phe Val Ala Gln Phe Ser Leu Pro Ser Asn Val Leu Pro			
109	125	130	135	140
110				
111	AGC CTG GTG TTG GTC CCG CTG CAC ACC ACT CCT AAG GCC GTA GAG AAG			1262
112	Ser Leu Val Leu Val Pro Leu His Thr Thr Pro Lys Ala Val Glu Lys			
113	145	150	155	
114				
115	GAG CTG AAC GCC CTC TAC GAT GTG TTT CTG GAG GTC TCC CAG CAC TGG			1310
116	Glu Leu Asn Ala Leu Tyr Asp Val Phe Leu Glu Val Ser Gln His Trp			
117	160	165	170	
118				
119	CAG AGC AAG GAC GTG ATC CTG CTT GGG GAC TTC AAT GCT GAC TGC GCT			1358
120	Gln Ser Lys Asp Val Ile Leu Leu Gly Asp Phe Asn Ala Asp Cys Ala			
121	175	180	185	
122				
123	TCA CTG ACC AAA AAG CGC CTG GAC AAG CTG GAG CTG CGG ACT GAG CCA			1406
124	Ser Leu Thr Lys Lys Arg Leu Asp Lys Leu Glu Leu Arg Thr Glu Pro			
125	190	195	200	
126				
127	GGC TTC CAC TGG GTG ATT GCC GAT GGG GAG GAC ACC ACA GTG CGG GCC			1454
128	Gly Phe His Trp Val Ile Ala Asp Gly Glu Asp Thr Thr Val Arg Ala			
129	205	210	215	220
130				
131	AGC ACC CAC TGC ACC TAT GAC CGC GTC GTG CTG CAC GGG GAG CGC TGC			1502
132	Ser Thr His Cys Thr Tyr Asp Arg Val Val Leu His Gly Glu Arg Cys			
133	225	230	235	
134				
135	CGG AGT CTG CTG CAC ACT GCG GCT GCC TTT GAC TTC CCC ACG AGC TTC			1550
136	Arg Ser Leu Leu His Thr Ala Ala Phe Asp Phe Pro Thr Ser Phe			
137	240	245	250	
138				
139	CAG CTC ACC GAG GAG GAG GCC CTC AAC ATC AGT GAC CAC TAC CCC GTG			1598
140	Gln Leu Thr Glu Glu Glu Ala Leu Asn Ile Ser Asp His Tyr Pro Val			
141	255	260	265	
142				
143	GAG GTG GAG CTG AAG CTG AGC CAG GCG CAC AGC GTC CAG CCT CTC AGC			1646
144	Glu Val Glu Leu Lys Leu Ser Gln Ala His Ser Val Gln Pro Leu Ser			
145	270	275	280	

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/973,815DATE: 06/19/1999  
TIME: 15:18:35

INPUT SET: S32263.raw

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146
147 CTC ACT GTT CTG TTG CTG CTA TCA CTC CTG TCC CCT CAG CTG TGC CCT      1694
148 Leu Thr Val Leu Leu Leu Leu Ser Leu Leu Ser Pro Gln Leu Cys Pro
149 285                      290                      295                      300
150
151 GCT GCC TGAGCGTCCC CCTACCCCCC CAGGGCCTGC TGCCTTTTGG GACTTAAACC      1750
152 Ala Ala
153
154
155 CCAGCCTCCC CCGTCCATCC AGCCCTGGGG CTGGGGGGCT TCAACTATAG TTGCCCTGTG      1810
156
157 ACTGTAGTCC ACCCCTGCCT GCCTTGTTTG ATTTGGCTCT TGTTCTTTGG TTGGGCTTGT      1870
158
159 GCCTAGATTA GGAGAGGAAG CCAGGGGCCC TGCACCTCATG CCACCTGCCA GGTAGTGTAG      1930
160
161 TATCAGGAGT GGAGACAAAG TGGGCTCTGG GTTGGGGTAG GGGAAGGGAG GGTTCAGAAA      1990
162
163 GAGGAATGAA GATGTTGTAT GACAAGAAGG AAAGTTACTG AGAACAAAAA CCCAGATTGG      2050
164
165 TGAGATAGGA CACTTGTGCA GCAGATATGC CAATGGGCCA TGTTTATTGT GGATGGGTAA      2110
166
167 GAATCACCAG GAAACCATTA AGCCCCAATA GCTACAAGGA GGGTGGTTAA TCTGCTATAT      2170
168
169 CAAACTCCTT CCCTGAAACC AGCAAACACC GGGAAACATT TTGGCTCATT ATAATCCGGT      2230
170
171 GAACAATGCA GTCAGGCCCTG TTATAACCGC TGAGCAGCCA CACTCGCACC TCCTGGGTGC      2290
172
173 TGTAGTCTGT GTTGGTACAG GCTTCTGCAT GCCTGGTAAA GTCCAGCCAA GGCTGGTCAA      2350
174
175 GGCAACATCT CCACACAGAA AATCTGCACC AGTTATGTAA GCTAAAAAGC TGTGTGAACC      2410
176
177 CAGGTGTCCC GGAAAGGGGC TGCAGGACAC AGCAAAATGC CAGCAGCGTG CCGGACCCCT      2470
178
179 CCCTTCCATC CTCCTCTCCA AAGAACAGAG GTCAGGAAAA AACTGGCTG GGACGCTAGA      2530
180
181 AGGGTCATGT GTTAACTATA ATCACATTTA TGGTTTGGAA CCATCACCCC AAGGTAAAAA      2590
182
183 AAAAAATAAA AGGTATGTTT GGCAAAATAA AATAAAGGTA ATTAAAAACC TAAAAAATAA      2650
184
185 AAAAAAAAAA A      2661
186
187
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188 (2) INFORMATION FOR SEQ ID NO: 2:

189

190 (i) SEQUENCE CHARACTERISTICS:

191 (A) LENGTH: 43 Base pairs

192 (B) TYPE: Nucleotide

193 (C) STRANDEDNESS: single

194 (D) TOPOLOGY: linear

195

--&gt; 196 (ii) TYPE OF MOLECULE: other nucleic acid

--&gt; 197 (A) DESCRIPTION: /desc = "DNA-Primer"

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/973,815DATE: 06/19/1999  
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198

199

200

201

202

203

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CAGGGATCCG ATGACGATGA CAAAATGCAC TACCCAACCTG CAC

43

---

204 (2) INFORMATION FOR SEQ ID NO: 3:

205

206

207

208

209

210

211

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 27 Base pairs

(B) TYPE: Nucleotide

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

--&gt;

212

(ii) TYPE OF MOLECULE: other nucleic acid

--&gt;

213

(A) DESCRIPTION: /desc = "DNA-Primer"

214

215

216

217

218

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

GGGGGATCCT CAGGCAGCAG GGCACAG

27

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/973,815**DATE: 06/19/1999  
TIME: 15:18:36**INPUT SET: S32263.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Deutsches Krebsforschungszentrum Stiftung de
8	Unknown or Misplaced Identifier	(B) STREET: Im Neuenheimer Feld 280
9	Unknown or Misplaced Identifier	(C) CITY: Heidelberg
10	Unknown or Misplaced Identifier	(E) COUNTRY: Germany
11	Unknown or Misplaced Identifier	(F) POSTAL CODE: 69120
13	Unknown or Misplaced Identifier	(ii) TITEL OF INVENTION: DNase active Protein
23	Unknown or Misplaced Identifier	(v) CURRENT APPLICATION DATA:
27	Unknown or Misplaced Identifier	(A) APPLICATION DATE: DE 195 21 046.8
28	Unknown or Misplaced Identifier	(B) APPLICATION DATE: 09-JUN-1995
39	Unknown or Misplaced Identifier	(ii) TYPE OF MOLECULE: cDNA
196	Unknown or Misplaced Identifier	(ii) TYPE OF MOLECULE: other nucleic acid
197	Unknown or Misplaced Identifier	(A) DESCRIPTION: /desc =
212	Unknown or Misplaced Identifier	(ii) TYPE OF MOLECULE: other nucleic acid
213	Unknown or Misplaced Identifier	(A) DESCRIPTION: /desc =

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**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/08/973,815**

DATE: 06/19/1999  
TIME: 15:18:36

*INPUT SET: S32263.raw*

TITLE OF INVENTION  
ADDRESSEE  
STREET  
CITY  
STATE  
COUNTRY  
ZIP  
CORRESPONDENCE ADDRESS  
APPLICATION NUMBER  
FILING DATE  
CLASSIFICATION  
CURRENT APPLICATION DATA  
APPLICATION NUMBER  
FILING DATE



PAGE: 1

**SEQUENCE CORRECTION REPORT**  
**PATENT APPLICATION US/08/973,815**

DATE: 06/19/1999  
TIME: 15:18:36

*INPUT SET: S32263.raw*

Line	Original Text	Corrected Text
17	(iv) COMPUTER-READABLE FORM:	(iv) COMPUTER READABLE FORM: